

## CLAIMS

1. A filling level sensor for detecting a fuel filling level in a fuel tank of a motor vehicle, which tank has an installation opening through which the level sensor is inserted into the tank, the sensor having a lever arm (7) which secures a float (6), follows the fuel filling level and has a support (5) provided for installation in the fuel tank, and with a plastic clip (9) mounting the lever arm (7) on the support (5), wherein the plastic clip (9) has a guide part (14) which protrudes laterally over the support (5) and has a contour having a guide curve (15) on its side facing away from the support (5) to contact the boundary of the installation opening to pivot the lever arm. .  
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2. The filling level sensor as claimed in claim 1, characterized in that the guide part curve (15) is defined by a curved edge (16) pointing away from the support (5).  
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3. The filling level sensor as claimed in claim 1 or 2, characterized in that the support (5) has an edge (17) with a smooth contour on its side facing away from the guide part (14) of the lever arm (7).  
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4. The filling level sensor as defined in claim 1 or 2, wherein the guide part (14) has a latching connection on the lever arm (7).  
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5. The filling level sensor as defined in claim 1 or 2, wherein the guide part (14) is manufactured integrally with the lever arm (7).  
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6. The filling level sensor as defined in claim 1 or 2, wherein the lever arm (7) has a plastic clip (9) mounted on the support (5) and a lever wire (10) which is connected to the plastic clip (9) and secures the float (6), and in that the guide part (14) is arranged on the plastic clip (9).  
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7. The filling level sensor as defined in claim 1, wherein the support (5) or a component connected fixedly to the support (5) is essentially the width of an installation opening (3) in the fuel tank (2).  
8. The filling level sensor as defined in claim 7, wherein the support (5) is dependent from an installation flange (4) designed for the closure of an installation opening (3) in the fuel tank (2).  
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